



TECH Slab 2.1 V1/V2

Classic performance stone mineral wool slabs for thermo-acoustic

TECH Slab 2.1 is the lower weight stone mineral wool slab for classic thermal and acoustic insulation in industry application such as tanks vessels, exhaust ducts and stacks and other industry equipments with a maximum service temperature of up to 300°C.

When in contact with austenitic steel structures.

On request with yellow (V1) or black glass veil facing (V2).



FAST INSTALLATION

Flexibility, lightweight and compressibility helps to handle and install the product easier and faster



SOUND ABSORPTION

Up to 95% of sound energy absorbed due to optimal longitudinal air flow resistance and uniform porosity values



FIRE REACTION

Non-combustible, Euroclass A1 for effective fire protection on industry sites



NUCLEAR PLANT QUALITY

Certified for use in nuclear applications



THERMAL INSULATION

Classic-Plus thermal insulation performance for service temperatures up to 300°C

Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

5. premium

4. standard plus

3. standard

2. classic plus

2.

1. classic



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES					STANDARD
Thermal conductivity	T	[°C]	50	100	150	200	300	EN 12667 EN ISO 13787
	λ	[W/(m·K)]	0.043	0.053	0.066	0.082	0.124	
Thermal behaviour	T	[°C]	Maximum service temperature 300 (under 500 Pa)					EN 14706

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES					STANDARD
Specific thermal capacity	c	kJ/(kg·K)	1.03					ISO 10456
Reaction to fire	-	-	Non combustible; Euroclass A1 Fire Spread Index = 0; Smoke Development Index < 20 Fire Spread Index ≤ 25; Smoke Development Index ≤ 25 on the faced side					EN 13501-1 ASTM E84
Water behaviour	WS	kg/m ²	No short term water absorption by partial immersion (WS1 ≤ 1 kg/m ²)					EN ISO 29767
Chemical behaviour	-	-	Do not contribute to corrosion of stainless steel Especially designed and certified for use in nuclear applications					ASTM C795/871
Application field	-	-	Product for use in technical applications, such as tanks vessels, exhaust ducts and stacks or equipment with need for basic thermal and/or acoustic insulation (V2 version) Especially designed and certified for use in nuclear applications					EN 14303
Material	-	-	Stone mineral wool light board With quality marks EUCEB, unrisky regarding health according to regulation EC No 1272/2008 Note Q					CINI 2.2.01
Facing	-	-	On request: Yellow or black glass veil facing (V1/V2)					-
Miscellaneous	-	-	Designation code : MW-EN 14303-T4-ST(+)-300-WS1					EN 14303
Quality management	-	-	CE-marked according to EN 14303 ISOVER is certified according to EN ISO 9001 and EN ISO 14001					EN 14303 EN ISO 9001 EN ISO 14001
Delivery form	-	-	Please contact your local ISOVER dealer All dimensions require minimum order quantities					-



www.isover-technical-insulation.com

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.

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